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TITLE: ELECTROLYTIC
CAPACITOR
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INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide an electrolytic capacitor devised to improve its ESR characteristics and elevate the productivity using a separator which has a good impregnation property of functional polymers in the separator and does not impede the polymers from polymerization.

SOLUTION: The electrolytic capacitor has a separator which is inserted between an anode foil and a cathode foil and impregnated with a conductive functional polymer polymerized in the separator as an electrolyte. An electrolytic capacitor having a separator made of base fibers containing polyamide fibers is provided as a basic means. Concretely, the capacitor contains polyamide fibers having a melting point of 250–290°C at least 30% or more in the separator. The binder uses a wet heat fusible resin Povar

or a heat fusible resin polyamide or polyethylene.

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